

# SELECTING THE PROPER HOSE ASSEMBLY

In order to obtain the best service from any particular hose application, two important conditions must be fulfilled.

- 1) Select the right hose for the job.
- 2) Make sure that it is fitted correctly and used in the proper manner.

Carefully consider the application requirements. A helpful guide is the “Stamped” process. “Stamped” is an acronym and stands for the seven major information areas required to provide a quality hose assembly.

- S** **SIZE** –ID, OD, and length of the assembly
- T** **TEMPERATURE** –includes temperature of fluid conveyed and the climactic conditions
- A** **APPLICATION** –the conditions of use, including abrasion, flexing, and routing
- M** **MATERIAL** –type of material conveyed including composition and concentration
- P** **PRESSURE** –hose assembly working pressure and surge or back pressure
- E** **ENDS** –definition of the fitting including thread type, gender, bent tube, swivel and orientation
- D** **DELIVERY** –time allowed for delivery including testing, quality assurance and packaging

To assist in obtaining and conveying information regarding the application, a copy of the “Stamped” application form is included in this catalog. This inquiry sheet can be sent to any Goodyear authorized distributor for a hose recommendation.

**PLEASE NOTE:**

A hose should always be selected based on its **rated working pressure**. Do not use **minimum burst pressure** as a guideline

in selecting the hose. Minimum burst pressure decreases over the use and life of the hose. A hose should be selected based on its **rated working pressure** to provide a normal service life. In addition, always select a hose by giving consideration to its recommended temperature limits. Hose service life is reduced if the temperatures of the fluids being conveyed or ambient temperatures exceed the recommended limits.

# S.T.A.M.P.E.D. FORM

SIZE	
I.D.	
O.D.	
Hose Length (OAL or uncpld. lgth.)	
Tolerances	
TEMPERATURE	
of Material Being Conveyed (High, Low, Ambient)	
of Outside Exposure (High, Low, Ambient)	
Intermittent?	
Constant?	
Sub-Zero Exposure	
APPLICATION(S)	
Indoor and/or Outdoor Use	
Intermittent or Continuous Use	
Flexibility Required (min. bend radius)	
Movement (Static, Vibrations, Flexing)	
<b>External Conditions:</b> Abrasion	
Oil	
Solvents	
Acid	
Ozone	
Electrical/Static Conductive	
<b>Oil Resistance:</b> Tube	
Cover	
Flame Resistance	
Noncontaminating Materials	
Hose Currently in Use	
Current Hose Service Life/Failure Description	
Service Life Desired	
MATERIAL(S) BEING CONVEYED	
Solids (size, description)	
Gaseous (volatility, inert)	
Liquids (flammability, causticity, acid/alkaline, solution/concentration)	
Chemical Names (generic)	

PRESSURE(S)	
Working Pressure (including surges)	
Burst Pressure	
Suction or Vacuum Requirements	
Velocity	
Impulse	
ENDS & FITTINGS	
Type of Threads	
Male/Female	
Reusable/Nonreusable	
Material for Fittings	
Swivel or Non-Swivel	
Straight or Bent Tube	
Fitting 1 & 2 Orientation	
Other	
Cut to Length	
Crimp Specs or Crimper Used	
DELIVERY	
Leadtime	
Quantity	
Stock/Nonstock	
Special Print	
Special Packaging	
OTHER INFORMATION	
Customer:	Date:
Customer #:	
Ship To:	
Bill To:	
Telephone:	Fax #:

Bolded block areas MUST be filled out on all inquiries.

HOSE

FITTINGS

EQUIPMENT & ACCESSORIES

ASSEMBLIES

INSTALLATION & MAINTENANCE

APPENDIX



One Source, One System, One Solution.

[www.hydraulics.goodyear.com](http://www.hydraulics.goodyear.com)

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